











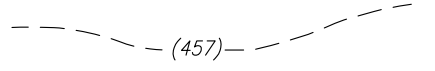
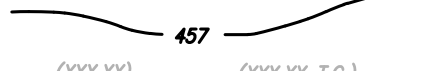

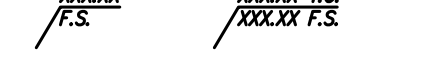
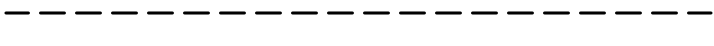
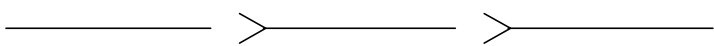
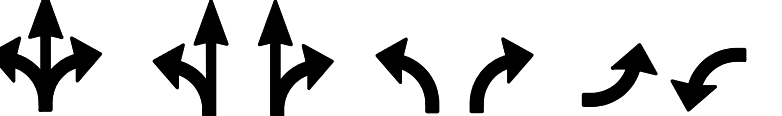
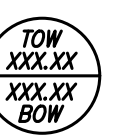
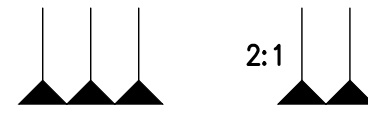
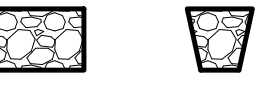

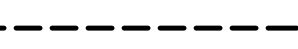
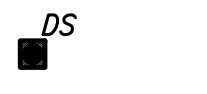

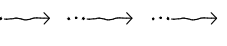

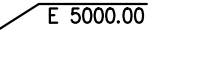
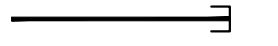
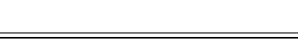
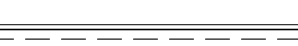


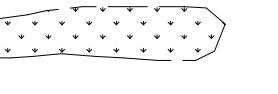
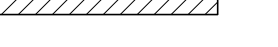




ABBREVIATIONS

ACP	ASPHALT CONCRETE PAVEMENT	FT (')	FOOT (FEET)
ADD'L	ADDITIONAL	FTG	FOOTING
AD	AREA DRAIN	G	GAS MAIN
ADJ	ADJACENT	GB	GRADE BREAK
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	GM	GAS METER
APPROX.	APPROXIMATE(LY)	GRD	GRADE
ARCH	ARCHITECT(URAL)	GV	GATE VALVE
ASSY	ASSEMBLY	HB	HOSE BIB
BLDG	BUILDING	HDPE	HIGH DENSITY POLYETHYLENE
BM	BENCHMARK	HORIZ(H)	HORIZONTAL
BNDRY	BOUNDARY	HT	HEIGHT
BOW	BOTTOM OF WALL (AT FINISHED GRADE)	HYD	HYDRANT
BVC	BEGINNING OF VERTICAL CURVE	ID	INSIDE DIAMETER
CTV	CABLE TV	I.E.	INVERT ELEVATION
C&G	CURB AND GUTTER	IN (")	INCH(ES)
CB	CATCH BASIN	INV	INVERT
CC	CURB CUT	IRR	IRRIGATION WATER
CD	CONCRETE DRIVE	LB	POUND(S)
CF	CUBIC FEET (FOOT)	LCPE	LINED CORRUGATED POLYETHYLENE PIPE
CI	CAST IRON	LF	LINEAR FEET
CJ	CONSTRUCTION JOINT	MAT'L	MATERIAL
CL	CLASS	MAX	MAXIMUM
CL	CONCRETE LINE	MFR	MANUFACTURER
CMP	CORRUGATED METAL PIPE	MH	MANHOLE
CONC.	CONCRETE	MJ	MECHANICAL JOINT
CONST.	CONSTRUCTION	MIN.	MINIMUM
CPEP	CORRUGATED POLYETHYLENE PIPE	MISC.	MISCELLANEOUS
CTR	CENTER(ED)	N	NORTH(ING)
CY	CUBIC YARD	NO (#)	NUMBER
DCVA	DOUBLE CHECK VALVE ASSEMBLY	OC	ON CENTER
DDCV	DOUBLE DETECTOR CHECK VALVE	O/W	OIL WATER
DEPT.	DEPARTMENT	P	POWER
DET	DETAIL	PC	POINT OF CURVATURE
D.I.	DUCTILE IRON	PIV	POST INDICATOR VALVE
DIA (ø)	DIAMETER	PP	POWER POLE
DIM	DIMENSION	PL	PROPERTY LINE
DS	DOWN SPOUT	PSF	POUNDS PER SQUARE FOOT
DWG	DRAWING	PSI	POUNDS PER SQUARE INCH
E	EAST(ING)	PT	POINT OF TANGENCY
EC	ELECTRICAL CONDUIT	PVC	POLYVINYL CHLORIDE
ECC	EXTRUDED CONCRETE CURB	PVI	POINT OF VERTICAL INFLECTION
EL=	ELEVATION	QTY.	QUANTITY
EOP	EDGE OF PAVEMENT	RAD (R)	RADIUS
EQUIV.	EQUIVALENT	RCP	REINFORCED CONCRETE PIPE
EVC	END OF VERTICAL CURVE	RD	ROAD
EXIST.	EXISTING	REF	REFERENCE
FD	FLOOR DRAIN	REQD.	REQUIRED
FDC	FIRE DEPARTMENT CONNECTION	RET	RETAINING
FDN	FOUNDATION	ROW	RIGHT OF WAY
FFE	FINISH FLOOR ELEVATION	SD	STORM DRAIN
FH	FIRE HYDRANT	S.F.	SQUARE FEET
FL	FLANGED	SHT	SHEET
FLR	FLOOR	SIM	SIMILAR
FOC	FACE OF CURB	SPEC	SPECIFICATION(S)
F.S.	FINISHED SURFACE	SQ	SQUARE
		SS	SANITARY SEWER
		STA	STATION
		STD	STANDARD
		TOE	TOE OF WALL, OR SLOPE
		T	TELEPHONE WIRE
		TBM	TEMPORARY BENCH MARK
		T.C.	TOP OF CURB
		TG OR RIM	TOP OF GRATE
		TEMP.	TEMPORARY
		TOP	TOP OF SLOPE
		TOW	TOP OF WALL
		TV	TELEVISION WIRE
		TYP.	TYPICAL
		VC	VERTICAL CURVE
		VERT (V)	VERTICAL
		WM	WATER METER
		W/	WITH
		WT	WEIGHT
		WWF	WELDED WIRE FABRIC
		YD	YARD DRAIN

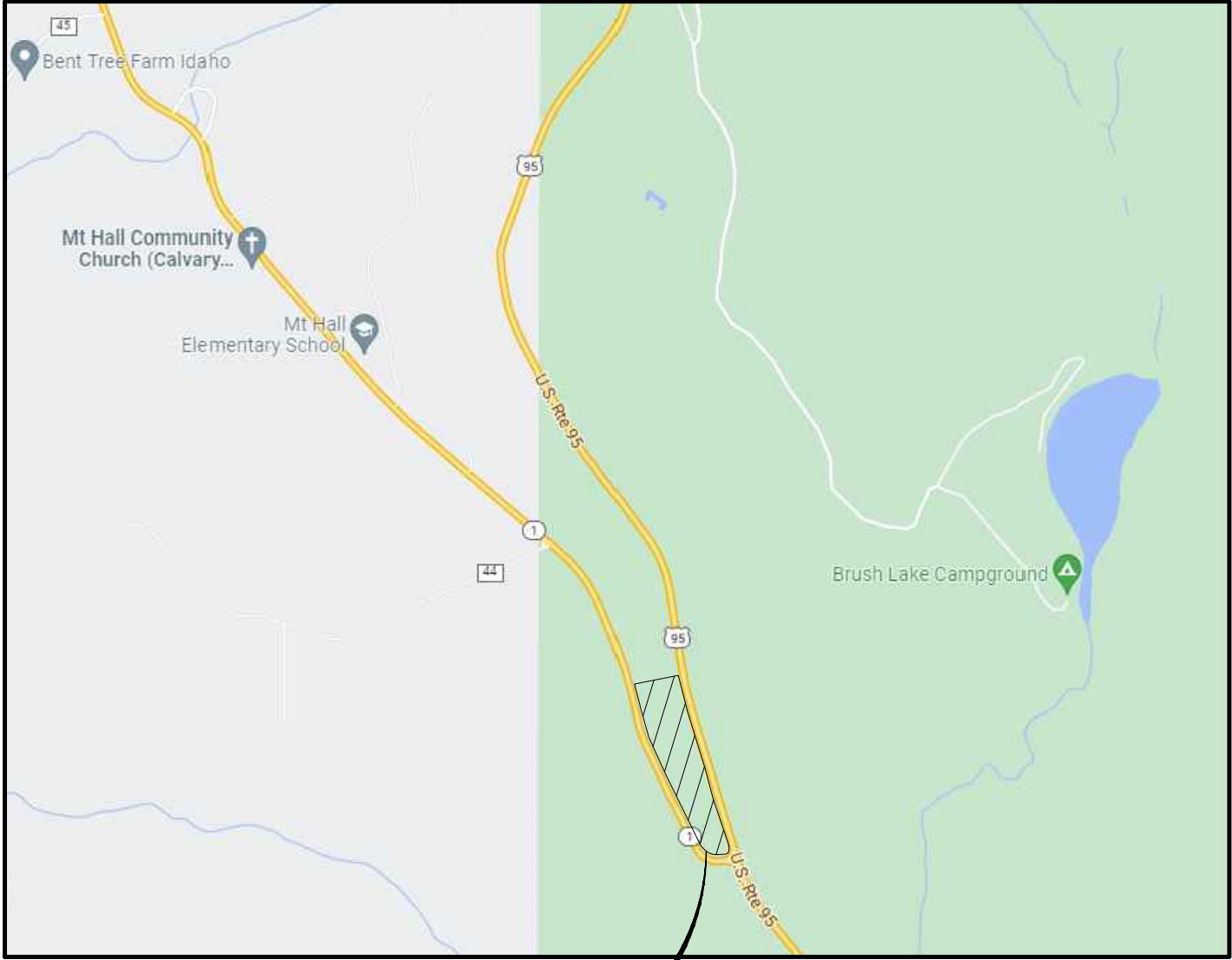
LEGEND

STORM PIPE		SD	→
NEW & EXISTING CATCH BASINS		CB	
NEW & EXISTING DRYWELLS		DW	
STORM MANHOLE		SDMH	
SANITARY SEWER PIPE		SS	→
SANITARY SEWER MANHOLE		SSMH	
WATER MAINS		W	---
FIRE HYDRANTS (NEW AND EXISTING) AND FDC		FH	
WATER METERS		WM	
WATER VALVES		V	
FITTINGS WITH THRUST BLOCKS		TEE, 90°, 45°, 22.5°, 11.25°	
SURFACE WTR AND PIPE DIRECTION FLOW			OR →
EXISTING CONTOUR LABELS			(457)
PROPOSED CONTOUR LABELS			457
EXISTING SURFACE ELEVATIONS			XXXXXX F.S.
FINISHED SURFACE ELEVATIONS			XXX.XX T.C. XXXXXX F.S.
NEW EASEMENT			
NEW DITCH			
TRAFFIC ARROWS			
TOP OF WALL/BOTTOM OF WALL			
SLOPE INDICATORS		3:1, 2:1	
RIP RAP			
FILTER FABRIC FENCING			
FOOTING DRAINS			
DOWNSPOUTS		DS	
CLEANOUTS (C.O.) SS, AND RWL (NEW AND EXISTING)		CO	
INTERCEPTOR AND BIO-SWALES			
CEMENT CONCRETE			
COORDINATES, & LEADERS			N 1000.00 E 5000.00
STUBBED & PLUGGED LINE			
CONCRETE CURB			
CONCRETE CURB & GUTTER			
NEW ASPHALT/CONCRETE PAVEMENT			
CURB INLET/UNDER SIDEWALK INLET			
DRAINAGE SWALE			
RETAINING WALL			
STRAW BALE			
ROCK CHECK DAM			

ITD COPELAND SITE NWC OF HWY 95 AND HWY 1 BOUNDARY COUNTY, IDAHO

GENERAL CONSTRUCTION NOTES:

1. ALL WORK SHALL CONFORM TO THE STATE OF IDAHO DIVISION OF BUILDING SAFETY, AND THE IDAHO TRANSPORTATION DEPARTMENT (ITD) STANDARD DRAWINGS AND SPECIFICATIONS. IN THE CASE OF CONFLICT, THE MOST STRINGENT STANDARD SHALL APPLY.
2. NO REVISIONS SHALL BE MADE TO THESE DRAWINGS WITHOUT THE APPROVAL OF THE OWNER, ARCHITECT, AND CIVIL ENGINEER. ALL PROPOSED REVISIONS SHALL BE SUBMITTED TO ARCHITECT AND CIVIL ENGINEER.
3. NO REVISIONS SHALL BE MADE TO THE ITD STANDARD DRAWINGS OR NOTES WITHOUT WRITTEN APPROVAL OF THE ITD ENGINEER. REVISIONS OF ITD STANDARD DRAWINGS SHALL BE CLEARLY IDENTIFIED UPON THE APPROVED DRAWINGS; REVISIONS OR ADDITIONS TO STANDARD NOTES SHALL BE PROVIDED ONLY WITHIN THE SUPPLEMENTAL NOTES.
4. ALL SAFETY STANDARDS AND REQUIREMENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND COMPLIED WITH AS SET FORTH BY OSHA.
5. EXISTING UTILITIES SHALL BE LOCATED BY CONTACTING CALL BEFORE YOU DIG AT 811, AT LEAST 48 HOURS PRIOR TO STARTING ANY EXCAVATIONS. THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTILITY COMPANIES PRIOR TO STARTING WORK NEAR ANY FACILITIES AND SHALL COORDINATE THEIR WORK WITH COMPANY REPRESENTATIVES.
6. WORK SHALL NOT BEGIN UNTIL A PERMIT AND NOTICE TO PROCEED IS ISSUED BY ITD.
7. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AT LEAST 48 HOURS PRIOR TO STARTING WORK OR PROCEEDING WITH NEW PHASES OF CONSTRUCTION. ALL INSPECTIONS SHALL BE SCHEDULED WITH A MINIMUM 24-HOUR NOTICE PRIOR TO TESTING.
8. AN APPROVED SET OF IMPROVEMENT PLANS SHALL BE KEPT ON THE JOB SITE AT ALL TIMES.
9. THE CONTRACTOR SHALL MAINTAIN THE STREETS, SIDEWALKS, AND ALL OTHER PUBLIC RIGHTS-OF-WAY IN A CLEAN, SAFE AND USEABLE CONDITION. ALL SOIL, ROCK, OR CONSTRUCTION DEBRIS SHALL BE PROMPTLY REMOVED FROM THE PUBLICLY OWNED PROPERTY DURING CONSTRUCTION, AND UPON COMPLETION OF THE PROJECT. ALL ADJACENT PROPERTY; PRIVATE OR PUBLIC, SHALL BE MAINTAINED IN A CLEAN, SAFE AND USEABLE CONDITION.
10. EXISTING PROPERTY CORNERS OR SURVEY MONUMENTS SHALL BE PROTECTED DURING THE COURSE OF CONSTRUCTION. ANY DAMAGED OR OBLITERATED CORNERS OR MONUMENTS SHALL BE RE-ESTABLISHED BY PROFESSIONAL SURVEYORS, LICENSED TO WORK IN THE STATE OF IDAHO, PRIOR TO FINAL ACCEPTANCE.
11. TREES NOT IDENTIFIED FOR REMOVAL SHALL BE PRESERVED OR PROTECTED IN AN APPROVED MANOR PRIOR TO COMMENCEMENT OF GRADING OPERATIONS.
12. THE ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF EROSION AND SEDIMENTATION CONTROL MEASURES PRIOR TO THE START OF CONSTRUCTION, AND AS NECESSARY DURING THE COURSE OF THE PROJECT. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THESE PLANS, AND THE "CATALOG OF STORM WATER BEST MANAGEMENT PRACTICES FOR IDAHO CITIES AND COUNTIES" AS PREPARED BY THE IDAHO DIVISION OF ENVIRONMENTAL QUALITY.
13. ALL PROJECTS HAVING THE POTENTIAL FOR RUNOFF DISCHARGE TO ANY SURFACE WATER BODY; SHALL FILE A NOTICE OF INTENT (NOI), WITH THE EPA. COPIES OF ANY REQUIRED STORM WATER POLLUTION PREVENTION PLANS (SWPPP) OR NOI SHALL BE PROVIDED TO THE ITD PRIOR TO START OF CONSTRUCTION.
14. ALL CONCRETE, UNLESS OTHERWISE SPECIFIED, SHALL BE COMMERCIAL GRADE PORTLAND CEMENT WITH AIR ENTRAINMENT (6.5% ±1.5%), AND A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4500 PSI.
15. ALL UNDERGROUND UTILITY LATERALS SHALL BE INSTALLED AND APPROVED BEFORE CONSTRUCTION OF CURBS, CROSS GUTTERS, SIDEWALKS OR THE SURFACING OF STREETS.
16. ALL TRENCHES AND ROADWAY CUTS WITHIN PUBLIC EASEMENTS OR RIGHTS-OF-WAY SHALL BE COMPACTED IN ACCORDANCE WITH ISPMG. COMPACTION TEST RESULTS SHALL BE CERTIFIED BY THE ENGINEER OF RECORD AND SUBMITTED TO THE OWNER FOR APPROVAL PRIOR TO ANY PAVING AND FINAL ACCEPTANCE OF WORK.
17. ALL OPERATIONS CONDUCTED ON THE PREMISES SHALL BE RESTRICTED TO THE HOURS BETWEEN 6:00 A.M. AND 10:00 P.M., UNLESS OTHERWISE APPROVED BY ITD. THIS INCLUDES THE WARMING UP, REPAIR, ARRIVAL, DEPARTURE OR RUNNING OF TRUCKS, EARTHMOVING EQUIPMENT, CONSTRUCTION EQUIPMENT OR ANY OTHER ASSOCIATED EQUIPMENT.
18. ALL IMPROVEMENTS SHALL BE JOINED OR MATCHED IN A MANNER SATISFACTORY TO THE OWNER. THIS INCLUDES ALL UTILITY CONNECTIONS AND NECESSARY SAW CUTTING, REMOVAL, REPLACEMENT, EXTENSION, AND CAPPING ASSOCIATED WITH CURB AND GUTTER, SIDEWALKS, SWALES, ASPHALT, CONCRETE OR OTHER PAVING.
19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL, IN ACCORDANCE WITH THE M.U.T.C.D., CURRENT EDITION. AT LEAST 48 HOURS PRIOR TO DISRUPTION OF ANY TRAFFIC, TRAFFIC CONTROL PLANS SHALL BE PREPARED AND SUBMITTED TO THE OWNER FOR APPROVAL. NO WORK SHALL COMMENCE UNTIL A PERMIT IS ISSUED AND ALL APPROVED TRAFFIC CONTROL IS IN PLACE.



PROJECT LOCATION: NWC OF HWY 95 AND HWY 1 VICINITY MAP

NOT TO SCALE



PROJECT TEAM:

OWNER:

IDAHO TRANSPORTATION DEPARTMENT
3293 JORDAN ST.
BOISE, IDAHO 83703
CONTACT: TBD
PHONE: (208) 772-1200

ARCHITECT:

MILLER STAUFFER ARCHITECTS
601 E. FRONT AVENUE SUITE 201
COEUR D'ALENE, IDAHO 83814
CONTACT: MIKE WALKER
PHONE: (208) 664-1773

CONTRACTOR:

TBD

CIVIL ENGINEER:

DCI ENGINEERS
707 W. 2ND AVENUE
SPOKANE, WASHINGTON 99201
CONTACT: MATT GIBB P.E.
PHONE: (509) 227-5721

UTILITY PURVEYORS:

POWER:

NORTHERN LIGHTS INC.
421 CHEVY STREET
SAGLE, IDAHO 83860
CONTACT: TBD
PHONE: (208) 263-5141

FIRE:

BONNERS FERRY FIRE DEPARTMENT
7137 1ST STREET
BONNERS FERRY, IDAHO 83805
CONTACT: PATRICK WARKENTIN
PHONE: (208) 267-4390

SHEET INDEX	
SHEET #	SHEET TITLE
C0.0	GENERAL CIVIL INFORMATION
C0.1	GENERAL NOTES
C1.0	EXISTING SITE CONDITIONS
C1.1	EROSION CONTROL PLAN
C1.2	CIVIL SITE PLAN
C5.0	DETAILS

FOR BID (NOT FOR CONSTRUCTION)

THESE DRAWINGS HAVE BEEN RELEASED AT THE REQUEST OF THE CLIENT FOR THE PURPOSE OF BIDDING. THESE DRAWINGS ARE NOT INTENDED FOR PURPOSES OF OBTAINING A PERMIT OR CONSTRUCTION.

CONTRACTOR NOTE

ALL EXISTING UTILITIES SHOWN ON PLANS ARE TO BE VERIFIED HORIZONTALLY AND VERTICALLY PRIOR TO ANY CONSTRUCTION. ALL EXISTING FEATURES INCLUDING BURIED UTILITIES ARE SHOWN AS INDICATED ON RECORD MAPS AND SURVEYS FURNISHED BY OTHERS. WE ASSUME NO LIABILITY FOR THE ACCURACY OF THOSE RECORDS AND SURVEYS. CONTACT THE UTILITY OWNER/AGENCY FOR THE FINAL LOCATION OF EXISTING UTILITIES IN AREAS CRITICAL TO CONSTRUCTION.



UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER

811

CALL TWO BUSINESS DAYS
BEFORE YOU DIG

NE 1/4 OF SW 1/4 OF SEC. 21, T64N, R1E, B.M.

GENERAL CIVIL
INFORMATION

2-17-2022

ITD COPELAND SITE
NWC OF HWY 95 AND HWY 1
BOUNDARY COUNTY, IDAHO

PROJECT NO: 20042-0087

DESIGNED BY: MFG

DRAWN BY: EAU

C0.0



MILLER
STAUFFER
ARCHITECTS

601 E. Front Ave., Ste. 201
Coeur d'Alene, ID 83814
P: 208.664.1773 F: 208.667.9174
www.millerstauffer.com





REFERENCE NOTES:

1. PROVIDE NEW TYPE III CATCH BASIN WITH GRATED LID PER ISPPWC STANDARDS. SEE DETAIL 4/C5.0.
2. PROVIDE NEW 8" SDR35 PVC STORM DRAINAGE PIPE. SLOPE AND LENGTH PER PLAN.
3. PROVIDE NEW RIP-RAP PAD AT PIPE DAYLIGHT LOCATION.
4. PROVIDE NEW SEPTIC TANK PER DETAIL 5/C5.0.
5. PROVIDE NEW DISTRIBUTION BOX PER DETAIL 6/C5.0.
6. PROVIDE NEW DRAIN FIELD PER DETAIL 7/C5.0.
7. PROVIDE NEW CLEANOUT TO GRADE PER DETAIL 8/C5.0.
8. PROVIDE NEW 6" SDR35 PVC SEPTIC PIPE. SLOPE AND LENGTH PER PLAN. PROVIDE MOUNDING OVER PIPE AS REQUIRED BELOW RETAINING WALL TO MAINTAIN 12" MIN. COVER.
9. PROVIDE SEPTIC DRAINFIELD RESERVE AREA.
10. PROVIDE NEW RETAINING WALL, VERTI-BLOCK OR APPROVED EQUAL.
11. PLACE 6" SDR35 PVC PERF. PIPE IN BOTTOM OF EXISTING DITCH. PLACE 1"-3" WASHED DRAIN ROCK TO TOP OF EXISTING DITCH, LEVEL WITH ADJACENT DRIVING SURFACE.

ENGINEER'S NOTES:

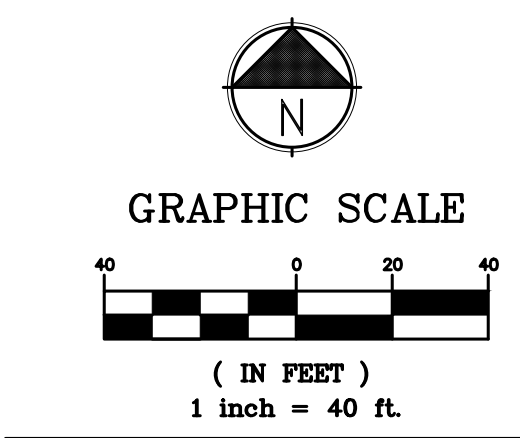
1. ALL DRAINAGE AND UTILITY STRUCTURES SHALL BE INSTALLED SO THAT RIM ELEVATIONS CAN BE ADJUSTED ±0.5 FEET TO MATCH FINISHED GRADE.
2. SEE SHEET C0.1 FOR ADDITIONAL SITE NOTES.
3. FINISHED SURFACE ELEVATIONS (HARDSCAPE AND LANDSCAPING) SHALL BE SLOPED AWAY FROM THE BUILDING FOR A MINIMUM OF 5 FEET.
4. CONTRACTOR IS RESPONSIBLE FOR GEOTECHNICAL DESIGN OF RETAINING WALL, AND SHALL INCLUDE THE COST OF SUCH DESIGN IN BID.
5. DASHED LINE INDICATES FUTURE IMPROVEMENTS.

FOR BID
(NOT FOR CONSTRUCTION)

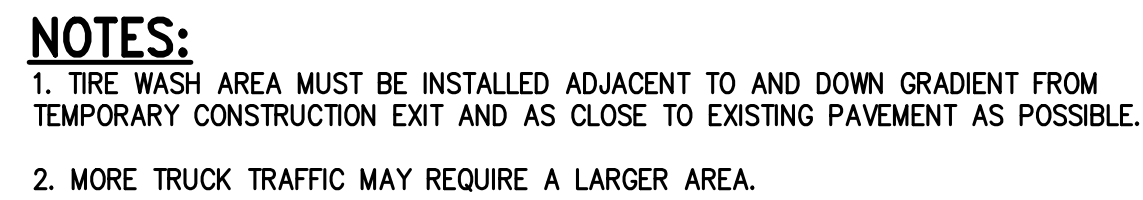
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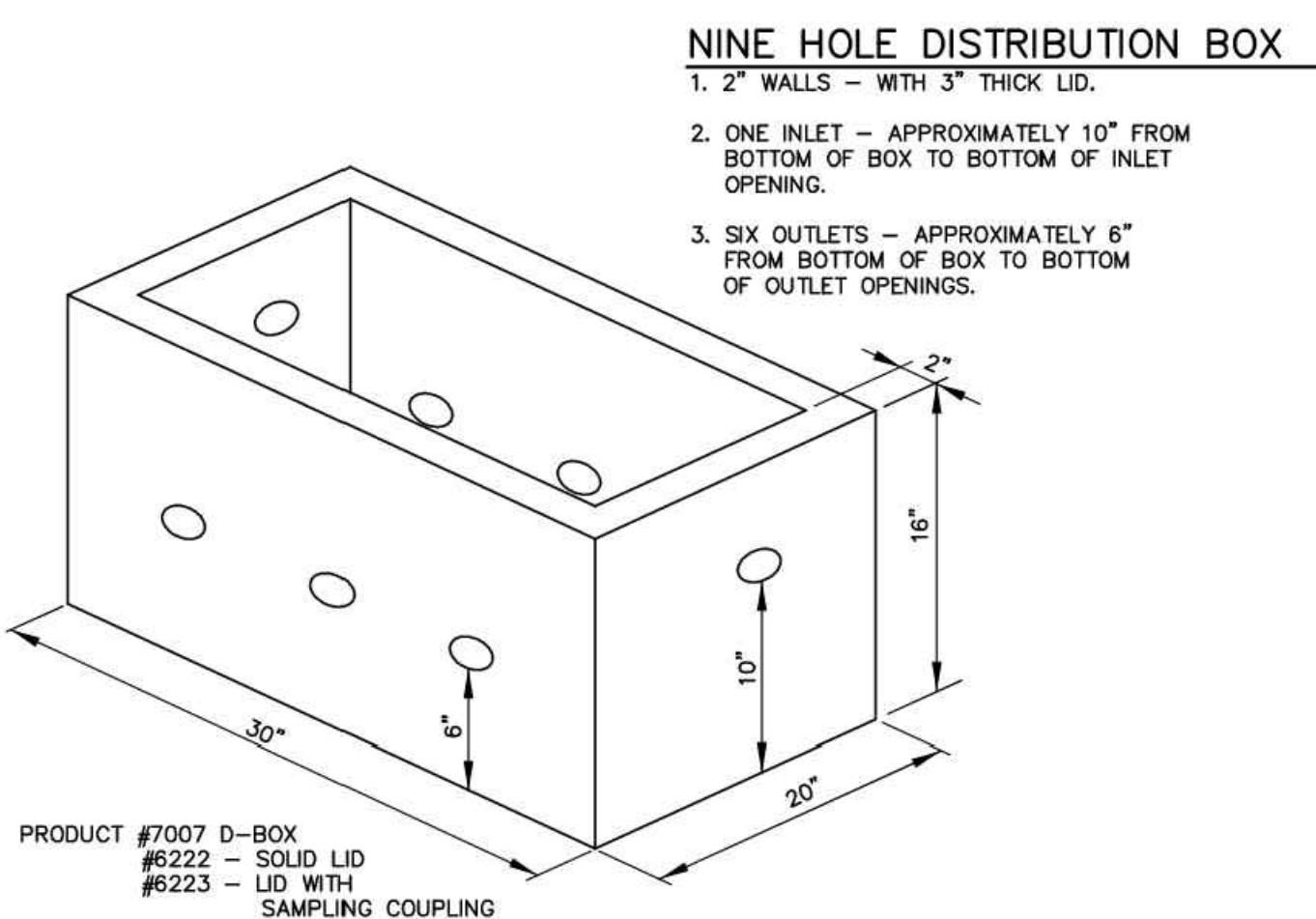
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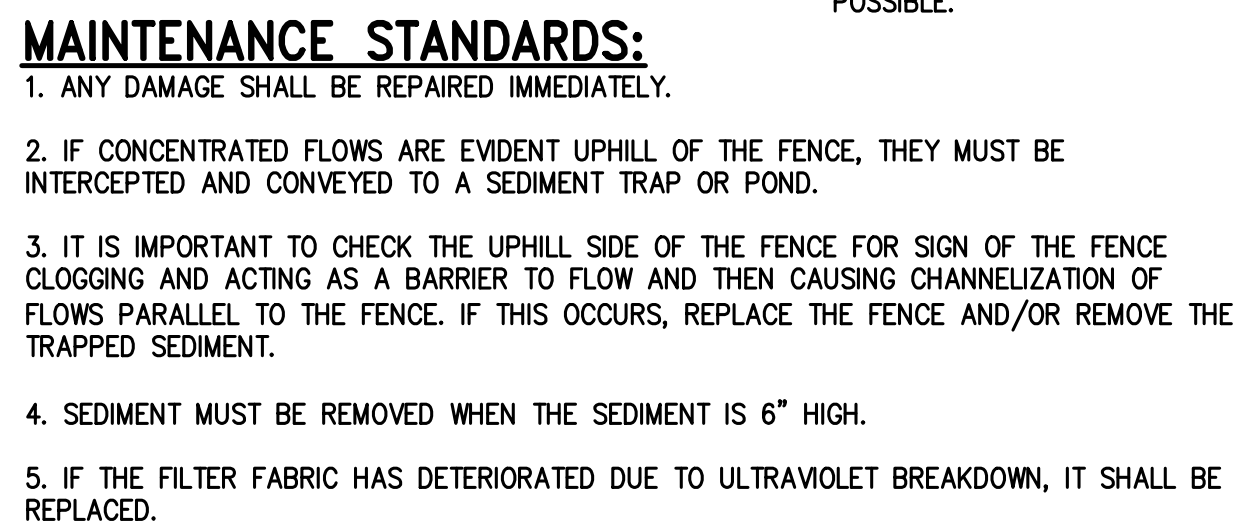


CONSTRUCTION ENTRANCE SCALE : NTS



6 AND 9 HOLE DISTRIBUTION BOX S-13

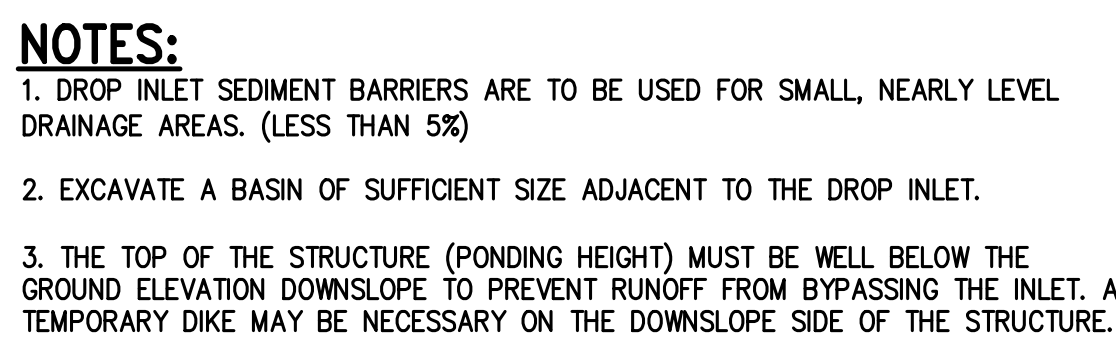
NOT TO SCALE
SHEET
S-13
REVISED
02/25/08
5
SCALE : NTS



FILTER FABRIC FENCE DETAIL

SCALE : NTS

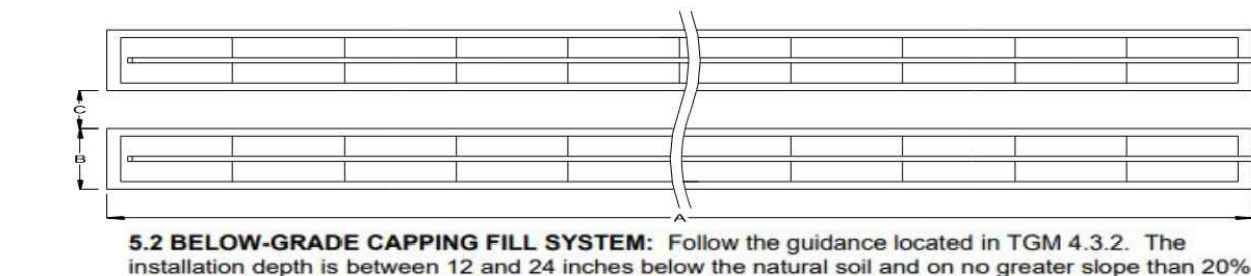
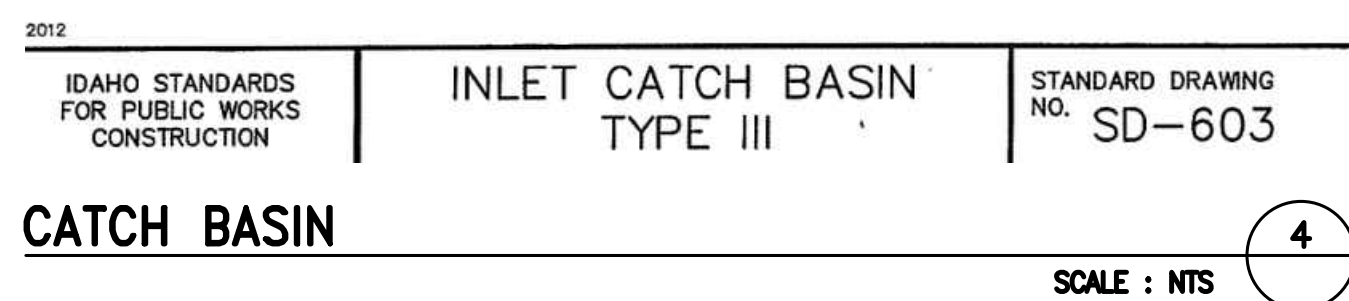
2



INLET PROTECTION DETAIL

SCALE : NTS

3



SEPTIC DRAIN FIELD 7

SCALE : NTS



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